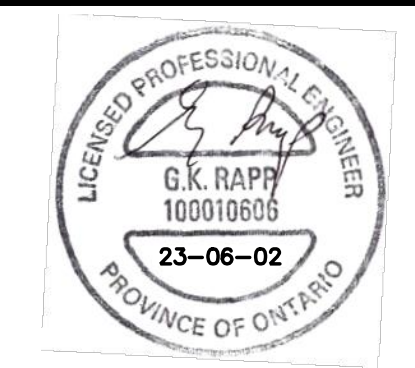


- LEGEND:**
- x 190.35 PROP. ELEVATIONS
 - x 187.21TC EX. TOP OF CURB ELEVATIONS
 - x 188.89EX. EX. ELEVATIONS
 - x 190.16TW PROP. TOP OF WALL
 - x 189.01BW PROP. BOTTOM OF WALLS
 - EX. SANITARY MANHOLE
 - EX. STORM MANHOLE
 - EX. CATCHBASIN
 - SANITARY MANHOLE
 - STORM MANHOLE
 - CATCHBASIN
 - EX. HYDRANT
 - HYDRANT
 - EX. VALVE AND BOX
 - VALVE AND BOX
 - ➔ OVERLAND FLOW ROUTE
 - PROPERTY LINE
 - LIMIT OF GRADING /LAP JOINT



OWNER:
KANEFF GROUP OF COMPANIES
3551 Mississauga Road
Brampton | Ontario | L6Y 5G8

ISSUED FOR SITE PLAN APPROVAL 02.JUNE.23

New 1-Storey Warehouse Building

2360 Bristol Circle
Oakville, Ontario

GRADING PLAN

Project Number:
231423

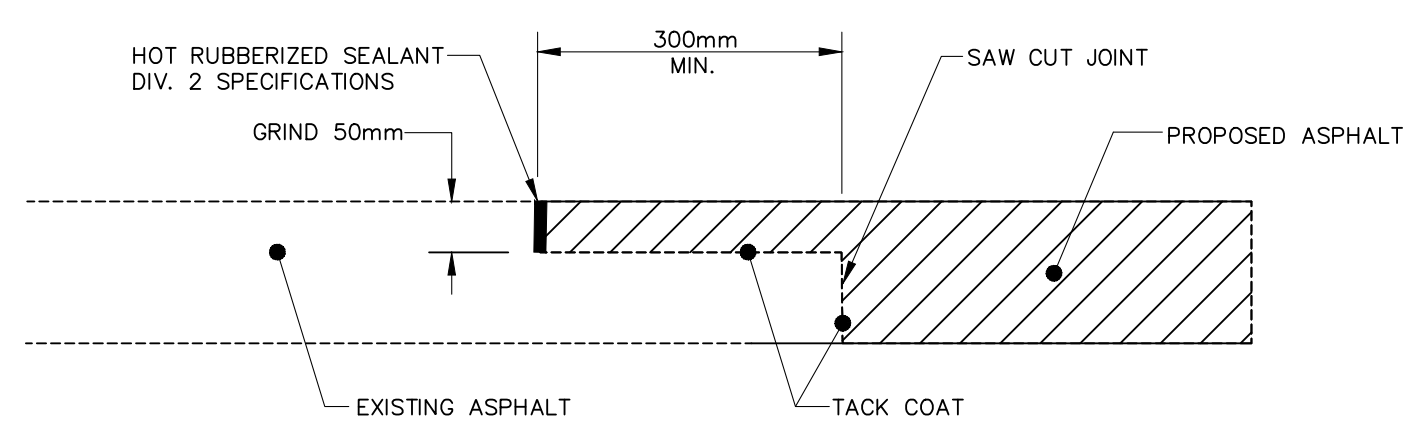
Drawn By: ZYX
Checked By: GKR
Date: 23-06-02
Scale: 1:300
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SW1

- GENERAL NOTES:**
- TOWN OF OAKVILLE AND REGION OF HALTON STANDARD DRAWINGS AND O.P.S.D. WITH REGIONAL AMENDMENTS FOR SANITARY SEWERS AND WATERMANS ARE TO CONSTITUTE PART OF THE ENGINEERING DESIGN AND CONSTRUCTION CONTRACT.
 - OTHER MATERIALS MAY BE ACCEPTABLE, PROVIDED APPROVAL HAS FIRST BEEN OBTAINED FROM THE TOWN ENGINEER AND/OR THE REGIONAL COMMISSIONER OF PUBLIC WORKS.
 - ANY INFORMATION SHOWN ON THESE PLANS REGARDING LOCATION AND/OR SIZE OF EXISTING UTILITIES OR SERVICES IS APPROXIMATE. THE CONTRACTOR IS TO FIELD VERIFY ALL LOCATIONS AND SIZES.
 - NO BLASTING IS PERMITTED.
 - GRANULAR BACKFILL AROUND MANHOLES AND CATCHBASINS SHALL BE COMPACTED BY MECHANICAL MEANS TO A MINIMUM OF 95% S.P.D.
 - CLASS 'B' BEDDING ON ALL SEWERS AND CONNECTIONS TO BE AS PER TOWN OF OAKVILLE STD. 8-2 AND REGION OF HALTON STANDARDS. O.P.S.D. 1005.02 AND O.P.S.D. 1102.01 UNLESS NOTED OTHERWISE.
 - ANY AREAS WITHIN R.O.W. WHICH REQUIRE FILL IN EXCESS OF 0.30m ARE SUBJECT TO COMPACTION TESTS AND SUCH TESTS MUST SHOW A MIN. COMPACTION OF 100% S.P.D. AT ALL DEPTHS.
 - CONCRETE BARRIER CURB AS PER TOWN OF OAKVILLE STD. 6-1.
 - WALKWAYS POURED AIR-ENTRAINED, 125mm THICK 32MPa CLASS C-2 CONCRETE WALKWAY ON 150mm THICK GRANULAR BASE WHERE INDICATED ON SITE PLAN.
 - THE FOLLOWING PAVEMENT STRUCTURES SHALL BE USED, UNLESS OTHERWISE SPECIFIED: ASPHALT PAVEMENT STRUCTURE DESIGN.
 - ALL TOPSOIL AND ORGANIC MATERIAL SHALL BE STRIPPED PRIOR TO CONSTRUCTION.
 - ALL TRENCHES WITHIN EXISTING R.O.W. ARE TO BE BACKFILLED WITH NON-SHRINK FILL AS PER TOWN STANDARDS.
 - EROSION AND SILTATION CONTROL WORKS TO BE AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN. SILTATION CONTROL MEASURES MUST BE IN PLACE PRIOR TO START OF ANY CONSTRUCTION.
 - ALL SOILS INFORMATION IS SHOWN ON THE DRAWINGS FOR THE REFERENCE OF THE ENGINEER ONLY AND IS FROM THE PHASE II ENVIRONMENTAL ASSESSMENT PREPARED

- BY TROW ASSOCIATES INC. THE ENGINEER TAKES NO RESPONSIBILITY FOR THE INTERPRETATION THAT ANYONE MAY MAKE OF THIS.
- ALL CURBING AROUND ISLANDS TO BE 150mm ABOVE FINISHED ASPHALT, UNLESS OTHERWISE SPECIFIED ON GRADING PLAN.
 - MANHOLES TO BE AS PER OPSD 701.01(1200#), 701.01(1500#), 701.01(1800#) WITH GRATES AS PER OPSD 401.01, UNLESS OTHERWISE SPECIFIED. (TYPE 'A' TOP FOR SANITARY MH, TYPE 'B' TOP FOR STORM MH.)
 - ALL CONCRETE SEWER PIPES 525mm DIAMETER AND LARGER SHALL BE EQUAL TO C.S.A SPECIFICATIONS A-257-2 REINFORCED CLASSES (50-D,65-D,100-D,140-D) OR LATEST AMENDMENT UNLESS OTHERWISE NOTED.
 - ALL GRANULAR BASE COURSE MATERIALS TO BE COMPACTED TO 100% STANDARD PROCTOR DENSITY.
 - "MODULOC" OR APPROVED MANHOLE AND CATCHBASIN ADJUSTERS TO BE USED IN LIEU OF BRICKING, TO A MAX HEIGHT OF 300mm.
 - SEWER PIPE BEDDING AS PER OPSD 802.01(0) (PVC), 802.03(0) (CONCRETE) TO BE CLASS 'B' BEDDING WITH BACKFILL COMPACTED 95% STANDARD PROCTOR DENSITY.
 - FROST PROTECTION AS PER OBC 7.3.4.9
 - ALL MANHOLE AND CATCHBASIN EXCAVATIONS TO BE BACKFILLED WITH GRANULAR 'B' COMPACTED TO 95% STANDARD PROCTOR DENSITY.
 - ALL DISTURBED GRASSED AREAS TO BE RESTORED WITH SEED ON 150mm TOPSOIL.
 - FOR ALL CONSTRUCTION DETAILS NOT SHOWN ON PLANS, REFERENCE SHALL BE MADE TO THE ONTARIO PROVINCIAL STANDARD DRAWINGS.
 - CONTRACTOR TO PROVIDE SEWER VIDEO INSPECTION UPON COMPLETION OF UNDERGROUND SERVICING. 2 DVDS REQUIRED. CONTRACTOR TO SUPPLY CONSULTANT WITH ALL TOPOGRAPHICAL AND ASBUIT INFORMATION IN ORDER TO VERIFY THE THOROUGHNESS OF ALL WORK.
 - DRIVEWAY APRONS WITHIN THE RIGHT OF WAY ARE TO BE CONSTRUCTED ACCORDING TO THE TOWN OF OAKVILLE STANDARDS.
 - REFER TO THE LATEST PLAN PREPARED BY BALDASSARRA ARCHITECTS INC. FOR THE SITE LAYOUT INFORMATION.
 - EXISTING SITE INFORMATION ON DRAWINGS AS PER TOPOGRAPHICAL SURVEY PREPARED BY NANFARA & NG SURVEYORS INC. DATED OCTOBER 29, 2019.

- PAVEMENT NOTES:**
- ALL GRANULAR BASE MATERIALS SHALL BE COMPACTED TO 100% STANDARD PROCTOR MAX. DRY DENSITY. ALL BASE COURSE AND SURFACE COURSE ASPHALT MATERIALS SHALL BE COMPACTED TO 97% MAX BULK DENSITY. ALL IMPORTED GRANULAR BASE MATERIALS MUST BE APPROVED BY THE OWNER'S ENGINEER PRIOR TO PLACEMENT ON-SITE.
 - THE APPLICANT WILL BE RESPONSIBLE FOR THE COST OF ANY UTILITY RELOCATION NECESSITATED BY THE SITE PLAN.
 - ALL FILL SHALL BE PLACED AND COMPACTED TO 98% STANDARD PROCTOR DENSITY IN MAXIMUM LIFTS OF 200mm.
 - INSPECTION OF SUB-GRADE REQUIRED BY GEOTECHNICAL CONSULTANT PRIOR TO PLACEMENT OF PAVEMENT STRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF INSPECTIONS WITH GEOTECHNICAL CONSULTANT AT ALL TIMES.
 - PAVEMENT DESIGN AS PER RECOMMENDATIONS BY THE GEOTECHNICAL ENGINEER TO BE CONSTRUCTED AT A MINIMUM AS FOLLOWS (INTERNAL PRIVATE ROADWAY AND PARKING):
50mm HL3 TOP ASPHALT
60mm HL8 BASE ASPHALT
150mm GRANULAR A OR 19mm# CRUSHER RUN LIMESTONE GRANULAR BASE
300mm GRANULAR B TYPE II OR 50mm# CRUSHER RUN LIMESTONE GRANULAR SUB-BASE
 - HEAVY DUTY PAVEMENT DESIGN AS PER RECOMMENDATIONS BY THE GEOTECHNICAL ENGINEER TO BE CONSTRUCTED AT A MINIMUM AS FOLLOWS (FIRE ROUTE AND TRUCK LOADING):
50mm HL3 TOP ASPHALT
60mm HL8 BASE ASPHALT
150mm GRANULAR A OR 19mm# CRUSHER RUN LIMESTONE GRANULAR BASE
400mm GRANULAR B TYPE II OR 50mm# CRUSHER RUN LIMESTONE GRANULAR SUB-BASE



LAP JOINT DETAIL
N.T.S.